

**DISTRIBUTED MONITORING
IN A TELECOMMUNICATIONS SYSTEM**

Abstract

- 5 A telecommunication system and method are disclosed. The telecommunication network is comprised of a plurality of peer communication devices coupled to a control system. Each of the communication devices collects performance data on its own performance and transfers the performance data to the control system. The control system, in response to receiving the performance data, processes the performance data from the communication
- 10 devices to generate a performance file that indicates the performance of each of the communication devices. The control system transfers the performance file to each of the communication devices. Responsive to receiving the performance file, each of the communication devices processes the performance file to compare its performance to the performance of the other peer communication devices. Each of the communication devices
- 15 may process the performance file to improve its performance.